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(FILE 'USPAT' ENTERED AT 17:25:47 ON 09 JUL 1999)
L1      1211 SEA PLU=ON  (RING OR WRAP) (A) (SPINNING OR SPIN OR SPUN)
L2      825  SEA PLU=ON  YARN(P)L1
L3      697  SEA PLU=ON  L1 (20A) YARN
L4      261  SEA PLU=ON  YARN/TI AND L3
L5      2359 SEA PLU=ON  (BINDER OR BONDING) (A) (FIBER OR FIBRE OR FIBRO
US)

L6          7 SEA PLU=ON  L4 AND L5
                  SEL L4 1-100 CCLS
L7      79 SEA PLU=ON  (((RING/AB OR WRAP/AB) (A) (SPINNING/AB OR SPIN/
AB
                  OR SPUN/AB)) (20A) YARN/AB)
L8      41 SEA PLU=ON  YARN/TI AND L7
L9      7 SEA PLU=ON  L4 AND L5
                  SEL 1- CCLS

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FILE USPAT

E#	FILE	FREQUENCY	TERM
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E1	USPAT	14	57/328/CCLS
E2	USPAT	10	57/264/CCLS
E3	USPAT	9	57/261/CCLS
E4	USPAT	9	57/315/CCLS
E5	USPAT	8	57/12/CCLS
E6	USPAT	8	57/22/CCLS
E7	USPAT	7	57/210/CCLS
E8	USPAT	7	57/224/CCLS
E9	USPAT	7	57/279/CCLS
E10	USPAT	7	57/350/CCLS
E11	USPAT	6	57/252/CCLS
E12	USPAT	6	57/281/CCLS
E13	USPAT	6	57/6/CCLS
E14	USPAT	5	57/255/CCLS
E15	USPAT	5	57/333/CCLS
E16	USPAT	5	57/352/CCLS
E17	USPAT	5	57/75/CCLS
E18	USPAT	4	242/476/CCLS
E19	USPAT	4	442/187/CCLS
E20	USPAT	4	57/3/CCLS
E21	USPAT	4	57/400/CCLS
E22	USPAT	4	57/408/CCLS
E23	USPAT	3	19/288/CCLS
E24	USPAT	3	19/65A/CCLS
E25	USPAT	3	242/475.8/CCLS

E#	FILE	FREQUENCY	TERM
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E199	USPAT	3	57/238/CCLS ✓
E200	USPAT	3	57/252/CCLS
E201	USPAT	3	57/255/CCLS
E202	USPAT	2	28/240/CCLS
E203	USPAT	2	28/245/CCLS
E204	USPAT	2	428/375/CCLS
E205	USPAT	2	57/200/CCLS
E206	USPAT	2	57/210/CCLS
E207	USPAT	2	57/243/CCLS
E208	USPAT	2	57/256/CCLS
E209	USPAT	2	57/328/CCLS
E210	USPAT	1	139/399/CCLS
E211	USPAT	1	15/229.1/CCLS
E212	USPAT	1	156/148/CCLS
E213	USPAT	1	156/158/CCLS
E214	USPAT	1	19/0.35/CCLS
E215	USPAT	1	19/0.39/CCLS
E216	USPAT	1	19/0.46/CCLS
E217	USPAT	1	19/0.58/CCLS
E218	USPAT	1	19/3/CCLS
E219	USPAT	1	19/35/CCLS
E220	USPAT	1	26/8R/CCLS

57/251  
252

*binder files*

244

328

1. 5,478,624, Dec. 26, 1995, Synthetic yarn with heat-activated binder fiber; Robert A. Lofquist, 428/97; 26/8R; 28/214; 57/236, 255, 282; 139/399 [IMAGE AVAILABLE]
2. 5,182,154, Jan. 26, 1993, Stain resistant nylon carpets; Randolph C. Blyth, et al., 428/96, 97, 375, 378, 395 [IMAGE AVAILABLE]
3. RE 33,365, Oct. 2, 1990, Stain resistant nylon fibers; Randolph C. Blyth, et al., 428/97, 395 [IMAGE AVAILABLE]
4. 4,892,558, Jan. 9, 1990, Process for dyeing stain resistant nylon carpets; Randolph C. Blyth, et al., 8/560; 428/96, 97 [IMAGE AVAILABLE]
5. 4,879,180, Nov. 7, 1989, Stain-resistant nylon fibers; Randolph C. Blyth, et al., 428/395 [IMAGE AVAILABLE]
6. 4,871,604, Oct. 3, 1989, Binder powder carpet fiber; Lewis R. Hackler, 428/96; 156/72; 427/189, 195, 208.2; 428/87, 95, 97, 370, 372 [IMAGE AVAILABLE]
7. 4,839,212, Jun. 13, 1989, Stain resistant nylon carpets; Randolph C. Blyth, et al., 428/96, 97, 395 [IMAGE AVAILABLE]
8. 4,680,212, Jul. 14, 1987, Stain resistant nylon fibers; Randolph C. Blyth, et al., 428/97, 395 [IMAGE AVAILABLE]

fastening  
finishing      { ring spinning